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Technical Memo

FOCUS Release 7.0   TM7921

04/14/95

Installing HiperFOCUS for VM/ESA

This technical memo describes the installation of HiperFOCUS for VM/ESA for FOCUS Release 7.0. It is to be used with the *CMS Installation Guide Release 7.0 DN1000993.1294.*

Pre-Installation Requirements

The HiperFOCUS installation can be performed by anyone with a working knowledge of CMS. Some FOCUS knowledge is required to restrict options or resource usage. FOCUS must be installed prior to installing HiperFOCUS. It is also necessary to be sure that your processor is Move-Page capable, and the VM/ESA is the production operating system. HiperFOCUS cannot be installed with VM/SP, VM/SP HPO or VM/XA SP.

The hardware and software requirements for the HiperFOCUS option are:

- VM/ESA Version 1 Release 1.1 or higher.

- The architecture mode of the CMS machine that runs HiperFOCUS must be set to XC. To verify the machine, issue the CP QUERY SET command.

- Must be an ESA/390 Processor (any ES/9000 model 9021 or 9121, or and Amdahl or Hitachi compatible).

Note: A FOC922 or FOC940 error message will be generated if the machine is not Move-Page capable or the architecture mode is not XC.

HiperFOCUS Installation

The installation of HiperFOCUS for VM/ESA requires the addition of the following two SET parameters in the FOCPARM ERRORS file.

`SET HIPERINSTALL = {ON|OFF}`

where:

`ON`

　　Installs HiperFOCUS.

`OFF`

　　Disables HiperFOCUS.

`SET HIPERFOCUS = ON/OFF`

where:

`ON`

　　Activates a HiperFOCUS session after HiperFOCUS is installed.

`OFF`

　　Deactivates a HiperFOCUS session.

Creating Temporary CMS FOCUS Sort Files in data Spaces: HiperFile

Under CMS HiperFile enhances file-management performance by creating the temporary FOCUS sort file- FOCSORT FOCTEMP- in a data space, instead of on disk. This avoids disk access, saving much I/O time. It also makes data transfer to and from central storage faster. Together, these efficiencies reduce elapsed time and make your applications run faster.

Controlling Data Space Size

Data spaces can be up to two gigabytes. However, your site may have specified a smaller limit by performing the following two steps:

- **XCONFIG.** Using the XCONFIG ADDRSPACE statement in the VM directory entry for a user's virtual machine.
- **Installation.** When installing HiperFOCUS.